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### (54) DEVICE FOR INJECTING INK OF INK JET PRINTER

#### (57) Abstract:

**PURPOSE:** An ink injector of an ink jet printer is provided to simplify structure and to reduce the consumption amount of ink by accurately injecting the ink.

**CONSTITUTION:** An ink injector of an ink jet printer comprises plural conductive beams connected with power and made up of a single beam; a magnet installed on upper and lower parts of the conductive beams; an ink chamber(14) making a space for storing ink between the conductive beams; and a nozzle plate prepared with plural nozzle orifices. Electromagnetic force is generated in the rectilinear direction of the magnets by feeding a current to the beams(11,11'). The beam is deflected to the right and left according to the direction of the current. The ink stored in the ink chamber(14) is discharged to a front part through the nozzle orifices(16,16',16'') formed on the nozzle plate(15). The beam is returned to an original state after deflected and the ink is discharged through the nozzle orifices. Then the discharge of the ink is continuously accomplished.

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